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**((CLAS/340/\$ AND toy) AND alarm): 56 patents.**  
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PAT. NO.	Title
1 6,011,489	<a href="#"><u>Remotely controlled toy and wireless remote operable in a point of sale package</u></a>
2 5,969,623	<a href="#"><u>Gas alarm</u></a>
3 5,949,333	<a href="#"><u>Operation sensitive reminder</u></a>
4 5,861,808	<a href="#"><u>Motion sensitive reminder</u></a>
5 5,801,629	<a href="#"><u>Motion sensitive reminder</u></a>
6 5,799,437	<a href="#"><u>Cut plant watering apparatus</u></a>
7 5,777,554	<a href="#"><u>Motion sensitive reminder</u></a>
8 5,764,150	<a href="#"><u>Gas alarm</u></a>
9 5,748,113	<a href="#"><u>Method and apparatus for communication</u></a>
10 5,721,532	<a href="#"><u>Motion sensitive reminder</u></a>
11 5,682,144	<a href="#"><u>Eye actuated sleep prevention devices and other eye controlled devices</u></a>
12 5,661,470	<a href="#"><u>Object recognition system</u></a>
13 5,658,277	<a href="#"><u>Apparatus for electrical connection of glove monitor to patient</u></a>
14 5,646,594	<a href="#"><u>Decorative remote lighting apparatus</u></a>
15 5,646,593	<a href="#"><u>Child proximity detector</u></a>
16 5,640,682	<a href="#"><u>Radio telecommunication device with display for changed information in received signals</u></a>
17 5,598,164	<a href="#"><u>Vehicle obstacle avoidance system</u></a>
18 5,559,497	<a href="#"><u>Body temperature sensing and alarming device</u></a>
19 5,550,532	<a href="#"><u>Method and device for containing fuel spills and leaks</u></a>
20 5,500,636	<a href="#"><u>Talking luggage</u></a>
21 5,471,192	<a href="#"><u>Sound producing device stimulated by petting</u></a>
22 5,382,909	<a href="#"><u>Method for detecting and obtaining information about changes in variables</u></a>
23 5,360,997	<a href="#"><u>Automobile anti-theft switch</u></a>

- '24 5,307,051 Night light apparatus and method for altering the environment of a room  
25 5,278,556 Remote controlled light emitting automobile locating alarm system  
26 5,266,920 Magnet for use on a refrigerator or the like  
27 5,243,329 Smoke alarm for use with an electronic timing device  
28 5,203,014 Radio telecommunication device with a display for changed information in received signals  
29 5,185,594 Temperature sensing cable device and method of making same  
30 5,177,740 Frame/slot synchronization for U.S. digital cellular TDMA radio telephone system  
31 5,153,566 Motion sensor switch and annunciator device  
32 5,101,353 Automated system for providing liquidity to securities markets  
33 5,089,954 Method for handling conversational transactions in a distributed processing environment  
34 5,058,421 Water leak and water level detector  
35 5,055,269 Temperature limited catalytic gas detector apparatus  
36 5,053,752 Smoke detector and method using elongated flexible low battery condition indicator member  
37 5,015,958 Elongate sensors comprising conductive polymers, and methods and apparatus using such sensors  
38 5,006,834 Liquid level alarm  
39 4,996,703 Remote supervisory monitoring and control apparatus connected to monitored equipment  
40 4,904,988 Toy with a smoke detector  
41 4,888,580 Child protector  
42 4,851,815 Device for the monitoring of objects and/or persons  
43 4,844,476 Video target response apparatus and method employing a standard video tape player and television receiver  
44 4,706,271 Communication lines with terminate and leave capability-DC alarm bridge  
45 4,654,659 Single channel remote controlled toy having multiple outputs  
46 4,626,799 Warble signaling device  
47 4,614,939 Method and device for detection of a blanket or the like being kicked off the body of a sleeping person  
48 4,613,103 Crossing bell and flasher  
49 4,554,418 Information monitoring and notification method and apparatus  
50 4,520,417 Electrical monitoring systems

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PAT. NO. Title

51 [4,443,793](#) [Gas detection system](#)  
52 [4,351,181](#) [Linear, gas to voltage transducer circuit](#)  
53 [4,322,718](#) [Sound-activated rotary device](#)  
54 [4,222,040](#) [Cycle-type vehicle attachment](#)  
55 [4,112,356](#) [Semiconductor gas detector circuit](#)  
56 [3,940,733](#) [Seismic surveillance system](#)

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**((CLAS/446/\$ AND toy) AND alarm): 25 patents.**  
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PAT. NO. Title

- 1 [6,011,489](#) [Remotely controlled toy and wireless remote operable in a point of sale package](#)
  - 2 [5,890,947](#) [Drive unit and toy using same](#)
  - 3 [5,738,526](#) [Educational toy doll with LCD digital display watch](#)
  - 4 [5,643,036](#) [Toy vehicle and energizer-launcher](#)
  - 5 [5,638,772](#) [Combination toy and child safety line](#)
  - 6 [5,587,545](#) [Musical toy with sound producing body](#)
  - 7 [5,566,491](#) [Method and apparatus for animating a floating waterfowl decoy](#)
  - 8 [5,547,413](#) [Heat-staked tether for toy balloons](#)
  - 9 [5,471,192](#) [Sound producing device stimulated by petting](#)
  - 10 [5,465,909](#) [Talking contribution box](#)
  - 11 [5,314,371](#) [Toy weapon simulator for stress reduction](#)
  - 12 [5,307,051](#) [Night light apparatus and method for altering the environment of a room](#)
  - 13 [5,294,172](#) [Child's food tray with see-through enclosed interactive activity chamber](#)
  - 14 [5,125,668](#) [Game involving toy vehicles](#)
  - 15 [5,083,968](#) [Interactive toy](#)
  - 16 [5,019,010](#) [Transformable block toys](#)
  - 17 [4,925,427](#) [Convertible toy car having a two-level cam](#)
  - 18 [4,904,988](#) [Toy with a smoke detector](#)
  - 19 [4,865,574](#) [Amusement and instructional device](#)
  - 20 [4,802,675](#) [Toy gun](#)
  - 21 [4,734,076](#) [Toy vehicle play setting](#)
  - 22 [4,708,686](#) [Eccentrically weighted rolling device returns uphill](#)
  - 23 [4,675,519](#) [Toy having optically actuated sound generator](#)
  - 24 [4,654,659](#) [Single channel remote controlled toy having multiple outputs](#)
  - 25 [4,466,630](#) [Bicycle spark wheel](#)
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**United States Patent****5,083,968****Hart****\* January 28, 1992**

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**Interactive *toy*****Abstract**

An interactive *toy* is capable of detecting and tracking any nearby heat source such as a human body. This device can, in addition to tracking, move to interact with the heat source. The *toy* can either chase or move away from the heat source according to a set mode of operation. PIR sensors are mounted in a rotating head that is mounted in turn upon a wheeled, tracked or legged body that can move. The device further includes sensors to detect unheated objects in its path and will act to avoid hitting them. The PIR sensors have a limited field of view so as to prevent overlapping fields of view and are filtered or tuned to receive only a certain bandwidth or infrared radiation.

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**Inventors: Hart; Frank J.** (2811 Mark Ave., Santa Clara, CA 95051)**[\*]****Notice:** The portion of the term of this patent subsequent to June 5, 2007 has been disclaimed.**Appl. No.: 525698****Filed: May 21, 1990****U.S. Class:****446/431 ; 901/1; 901/46****Intern'l Class:****G08B 019/00****Field of Search:****446/14,130,431,433,441 180/167,169 901/1,46**

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